APR 29 1975
PUNCHED

FORM 9-1642
(1-68)

Well No. 511

215A

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by JM | Source of data Bowe | Date 6-72 | Map

State 2 (28) | County (or town) Kemper (35)

Latitude: 30 37 35 N (deg 7 min 9 sec 11) | Longitude: 088 39 03 (12 degrees 15 min sec 18) | Sequential number: 1 (19)

Lat-long accuracy: 3 (20) | T. 9 N, R. 16 W, Sec. 15, N ½, NE ¼, SW ¼ | B & M

Local well number: 5011AC1509N16E (21 25 30 34) | Other number:

Local use: 014 (35 40 45 51) | Owner or name:

Owner or name: BROOKS STUART (52 56 61 66) | Address: DeKalb

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — (67) P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — (68) H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — (69) W

DATA AVAILABLE: Well data (70) | Freq. W/L meas.: | (71) Ø | Field aquifer char. (72)

Hyd. lab. data: (73)

Qual. water data; type: (74)

Freq. sampling: (75) | Pumpage inventory: yes / no, period: (76)

Aperture cards: yes (77)

Log data: (78 79) D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (19) | Depth well: ft (20 23) 141 | Meas. rept | accuracy (24) 3

Depth cased: (first perf.) ft (25 28) 136 | Casing type: Galv ; Diam. in (29 30) 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other (31) S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other (32) H

Date Drilled: (33 35) 972 | Pump intake setting: ft (36 38)

Driller: Oglesbee (name), (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other (39) J | Deep | Shallow (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 (41) S | Trans. or meter no.

Descrip. MP ft above / below LSD, Alt. MP

Alt. LSD: (42 45) 280 | Accuracy (source): (47) 5

Water Level ft above / below MP; Ft above / below LSD (48 51) 105 | Accuracy: (52) D

Date meas: (53 55) 372 | Yield: 5½ gpm (56 60) 6 | Method determined (61)

Drawdown: ft (62 64) | Accuracy: (65) | Pumping period hrs (66 68)

QUALITY OF WATER DATA: Iron ppm (69) | Sulfate ppm (70) | Chloride ppm (71) | Hard. ppm (72)

Sp. Conduct K x 10^6 (73) | Temp. °F (74 76) | Date sampled (77 79)

Taste, color, etc.

Well No. 511

Well No. _____

Latitude-longitude _____ N S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: _____ 03 (20–21) Section: _____

_____ D (22) Drainage Basin: _____ 13K (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series, TE (28–29) _____ aquifer, formation, group, LW (30–31)

Lithology: _____ S (32–33) Origin: _____ 2 (34) Aquifer Thickness: 36 ft

(35–37) Length of well open to: _____ ft, 5 (38–40) Depth to top of: _____ ft, 105 (41–43)

MINOR AQUIFER: _____ system, _____ series, (44–45) _____ aquifer, formation, group, (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft, (54–56) Depth to top of: _____ ft, (57–59)

Intervals Screened: 1¼" SS.

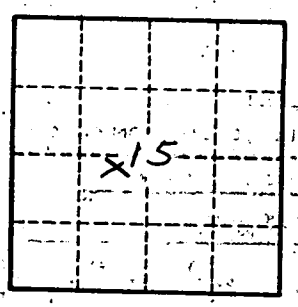
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft. (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)



Well No. S14

GPO 937-142